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MAR 28 2006

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24574 7590 12/29/2005

JEFFER, MANGELS, BUTLER & MARMARO, LLP  
1900 AVENUE OF THE STARS, 7TH FLOOR  
LOS ANGELES, CA 90067

03/29/2006 HDEMSS2 00000074 100440 10650268

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Melody Y. Green

(Depositor's name)

(Signature)

March 28, 2006

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,268	08/28/2003	Anthony Grillo	63X33-5034	6610

TITLE OF INVENTION: ROLLER CONE BITS WITH WEAR AND FRACTURE RESISTANT SURFACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/29/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
NEUDER, WILLIAM P	3672	175-426000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
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2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
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Jeffer Mangels Butler &  
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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Smith International, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Houston, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

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☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 10-0440 (enclose an extra copy of this form).

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Grant T. Langton

Date

March 28, 2006

Registration No.

39,739

Typed or printed name

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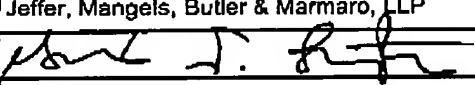
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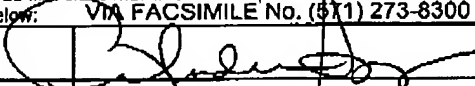
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/650,268	
	Filing Date	08/28/2003	
	First Named Inventor	Anthony GRIFFO	
	Art Unit	3672	
	Examiner Name	William P. Neuder	
Total Number of Pages in This Submission	3	Attorney Docket Number	63833-5034

ENCLOSURES (Check all that apply)		
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Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Jeffer, Mangels, Butler & Marmaro, LLP		
Signature			
Printed name	Grant T. Langton		
Date	March 28, 2006	Reg. No.	39739

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Typed or printed name -	Melody Y. Green	Date	March 28, 2006

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